

DAVIESS GIS

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# Agreement for Digital Ortho-Photography

January 26, 2004

Prepared for:

**Daviess County**

**To Provide**

**6 Inch**



567 W. Westfield Blvd • Indianapolis, IN 46208 (317) 259-0105  
[www.wthengineering.com](http://www.wthengineering.com)

WTH Engineering, Inc (the "Company") wishes to provide Daviess County (the "Client") with Digital Ortho-Photography. The following defines the scope of products and services to be offered by the Company and the compensation to be paid by the Client.

1. **Summary:** The following is a summary of this contract. Each item is described in more detail below.
  - a) The Company will provide to the Client digital ortho-photography with 6 inch pixel resolution.
  - b) The total cost of these products and services will be \$60,580.
2. **Responsibilities of the Company:** This section will describe the responsibilities of WTH Engineering throughout the scope of this project. Parts of this project will be performed by Image America, WTH's Imagery Provider.
  - a. **Image Collection** – Image America shall collect new aerial imagery of the project area (the Client defined project boundary) using their DDP-2 Camera System. The imagery will be collected from an altitude of 10,000 feet for 6 inch above ground level under cloud-free sky conditions, during a time period specified by the customer using beginning and ending dates, during hours of the day when the sun angle is optimal or as otherwise prescribed by the Client.
  - b. **Image Processing and Delivery** – Image America shall control the newly collected imagery to the control source provided by the Company. Image America shall orthorectify the controlled imagery to produce mosaiced 6 inch resolution black and white orthoimagery using the digital elevation model provided by the Company. If the Company does not provide a DEM/DTM, then USGS DEM will be used. Image America shall deliver the orthorectified imagery on CD (or other media designated by the Client), in an uncompressed GeoTIFF format named and tiled per the scheme provided by the Company within 45 business days following the collection of all imagery and availability of the DEM.
  - c. **Product Accuracy** – Products will comply with National Map Accuracy Standards (NMAS) for ½ -foot resolution imagery. The Client may, at its option, evaluate the accuracy of the delivered orthoimage product by comparing photo identifiable positions given by the delivered orthoimage product to those given by a higher accuracy source (a field survey with 2-3cm RMS is preferred). Each photo identifiable point used in the evaluation shall have a true elevation value within 30cm of the elevation reported by the DEM source for that location and no fewer than 20 points shall be used in the evaluation. The Client shall accept the delivered orthoimage product if the number of measured photo identifiable points with discrepancies greater than 3.33 feet for 6 inch does not exceed 10%. The Client must complete its acceptance testing within 30 days of delivery and submit a copy of the acceptance test to Image America. If the

customer finds the delivered dataset fails testing, no further compensation is due Image America.

- d. **Point of Contact** – The Company shall provide a single point of contact to handle all questions or issues that arise during the course of the project. This person will be readily accessible at all times to ensure prompt resolution of any issues that are presented. This contact person will also be responsible for coordinating activities with the local Airport as a result of higher security measures.
- e. **Control Points** – The Company shall provide at least 10 photo-identifiable points in or near the project area that have accurate three dimensional position data.
- f. **Questionnaire** – The Company shall provide information collected on Image America's questionnaire form necessary in order to plan and execute the collection, processing, and delivery effort.
- g. **Tiling & Naming Scheme** – The Company shall define, in writing, the image tiling & naming scheme required for the delivered orthoimage product.
- h. **Project Boundary** – The Company shall define, in writing, the complete boundary of the project area. The boundary of the project area will be the Daviess County Boundary unless otherwise specified by the Client.

**3. Price and Payment:** The above products and services will be provided for a total price of \$60,580.

- a) Phase I: \$18,175 Payment. For uncompressed data to be paid by Daviess County to WTH Engineering, Inc. upon collection of data.
- b) Phase II: \$42,405 Payment. To be paid by Daviess County to WTH Engineering, Inc. net 30 days from delivery date of the final data set.

IN WITNESS WHEREOF, the parties have executed this Agreement as of this 26<sup>th</sup> day of January, 2004.

**Company:**

**WTH Engineering, Inc.**

Signature: Rex E. Jones

Name: Rex Jones

Title: President

Date: \_\_\_\_\_

**Client:**

**Daviess County, Indiana**

Signature: [Signature]

Name: Steve Myers

Title: President

Date: 1/26/04

Signature: [Signature]

Name: Jim Trevino

Title: Vice President

Date: 1/26/04

Signature: J Ann McCracken

Name: J Ann McCracken

Title: Auditor

Date: January 26, 2004

Signature: [Signature]

Name: ANTHONY D. WICHMAN

Title: Secy -

Date: 1-26-04



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